

(19) World Intellectual Property Organization  
International Bureau



(43) International Publication Date  
14 July 2005 (14.07.2005)

PCT

(10) International Publication Number  
WO 2005/062836 A2

(51) International Patent Classification: Not classified

(21) International Application Number:  
PCT/US2004/042807

(22) International Filing Date:  
20 December 2004 (20.12.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
03258061 19 December 2003 (19.12.2003) EP

(71) Applicant (for all designated States except US):  
SOUTHCO, UK LTD. [GB/GB]; Wainwright Road,  
Warndon, Worcester, Wreestershire WR3 1FA (GB).

(72) Inventor; and

(75) Inventor/Applicant (for US only): CHURCHILL,  
Christopher [GB/GB]; c/o Dzus Fastener Europe Limited,  
Farnham Trading Estate, Farnham, Surrey GU9 9PL  
(GB).

(74) Agents: JESSEN, Derek, S. et al.; Paul & Paul, 2900 Two  
Thousand Market Street, Philadelphia, PA 19103 (US).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

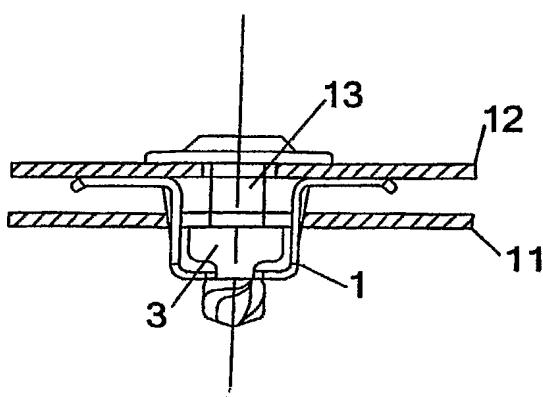
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

**Published:**

— without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: ONE PART RECEPTACLE FOR A FASTENER



(57) **Abstract:** A one part receptacle for a fastener for insertion, in use, into a hole in a receiving component. The receptacle comprises a base with legs, at least one of the legs retaining the receptacle on a component in use. The base includes a hole for engaging, in use, with the fastener, and at least one leg is shaped to form a compliant mechanism which provides a compliant retaining force in the direction of insertion of the fastener. In use, the receptacle is inserted into the hole and retained thereon and provides compliance between the component on which it is retained and a second component attached thereto via the receptacle and fastener.